

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1246	600/573.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/16 11:40
S2	4	("5891053" "6071251"). PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/16 13:35
S3	357	600/583.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/16 13:35
S4	302	S3 not S1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/16 14:21
S5	598	600/584.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/16 14:21
S6	393	S5 not (S1 or S3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/16 14:21
S7	6	("20020168290" "4627445" "4637403" "5700695" "6093156" "6206841").PN. OR ("7207952").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/16 14:37
S8	6	("20020168290" "4627445" "4637403" "5700695" "6093156" "6206841").PN. OR ("7207952").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/16 15:14

S9	1	JP-2572823-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/16 18:15
S10	541649	(lanc\$3 or needle or (penetrating adj member))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/16 18:16
S11	1824641	(vacuum or vaccuum or suction or (negative adj pressure))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 11:12
S12	112320	S10 and S11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/16 18:18
S13	39259	S10 same S11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/16 18:18
S14	9180245	switch or sens\$3 or detec \$3 or indicat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/16 18:19
S15	6095265	contact or touch or height	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/16 18:19
S16	878871	S15 with S14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/16 18:20
S17	3756	S16 and S13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/16 18:21

S18	1084448	skin or membrane	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/16 18:21
S19	1189	S17 and S18	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/16 18:23
S20	592552	(blood or interstitial)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/16 18:24
S29	0	WO-JP2002007333-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 08:53
S30	25	("6048352" "6155992" "6206841" "6219574" "6315738" "6332871" "6349229" "6612111" "6706159" "6849052" "6988996").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 09:29
S31	1605	606/167.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 09:30
S32	492	S31 and (vacuum or vacuum or suction or (negative adj pressure))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 09:30
S33	485	S32 not (600/573,583,584. ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 09:32
S34	830	606/181-183.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 09:32

S35	2367	S34 not (600/573,583,583.ccls) or S31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 09:33
S36	762	S34 not (600/573,583,583.ccls or S31)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 09:34
S37	762	S34 not (600/573,583,584.ccls or S31)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 09:34
S38	3	"20030109808"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 10:27
S39	1	2002-188598.NRAN.	DERWENT	AND	ON	2007/07/17 10:31
S40	541804	(lanc\$3 or needle or (penetrating adj member))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 11:14
S41	472687	trigger	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 11:12
S42	3432	S41 with S40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 11:12
S43	618	(vacuum or vaccuum or suction or (negative adj pressure)) and S42	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 11:13

S44	567	S43 and (pressure or force)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 11:15
S45	268	S44 and (blood or interstitial)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 11:15
S46	1	2002WO-JP07333.ap,prai.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 15:03
S47	1	2003-141313.NRAN.	DERWENT	AND	ON	2007/07/17 15:10
S48	1	2001JP-0220259.ap,prai.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 15:10
S49	1	2003-141313.NRAN.	DERWENT	AND	ON	2007/07/17 15:11
S50	0	JP2001-0236976.ap,prai.	DERWENT	AND	ON	2007/07/17 15:11
S51	1	2001JP-0236976.ap,prai.	DERWENT	AND	ON	2007/07/17 15:11
S52	1	2003-141313.NRAN.	DERWENT	AND	ON	2007/07/17 15:12
S53	1	2003-141313.NRAN.	DERWENT	AND	ON	2007/07/17 15:27
S54	1	2001WO-JP06453.ap,prai.	DERWENT	AND	ON	2007/07/17 15:28
S55	1	2002-188598.NRAN.	DERWENT	AND	ON	2007/07/17 16:13
S56	1	2002WO-JP00165.ap,prai.	DERWENT	AND	ON	2007/07/17 16:13
S57	1	2002-529029.NRAN.	DERWENT	AND	ON	2007/07/17 16:15
S58	0	WO-2002054953-\$.did.	DERWENT	AND	ON	2007/07/17 16:17
S59	0	WO-2002054953-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 16:18

S60	0	WO-020054953-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 16:19
S61	0	WO-20020054953-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 16:19
S62	43	backup adj chamber	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 17:13
S71	341	negative adj pressure adj reservoir	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 17:53
S73	2126	vacuum adj reservoir	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 18:00
S74	789	S73 same pump	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 18:00
S76	125370	vacuum adj pump	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 18:22
S77	2522	S76 with (vacuum reservoir)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 18:22
S87	3	"6612111".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/17 18:42

S88	930	store adj pressure	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/18 14:12
S104	32	("2563450" "3039767" "3362706" "3669445" "3826485" "4033809" "4097040" "4146414" "4236954" "4248417"). PN. OR ("4428793").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/18 14:39
S108	14	("4056334" "4073602" "4432701" "4655692" "4750768").PN. OR ("4950016").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/18 14:46
S109	1	2002WO-JP07333.ap,prai.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/05/08 15:15
S110	1	2003-141313.NRAN.	DERWENT	AND	ON	2008/05/08 15:15
S111	0	2001JP-0220259.ap,prai.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/05/08 15:22
S112	1	2001JP-236978.ap,prai.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/05/08 15:22
S113	0	2001JP-0236978.ap,prai.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/05/08 15:23
S114	244	skin with contact\$3 with taper\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/05/08 17:48
S115	36	S114 and vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/05/08 17:49

S116	550	skin with trigger\$3 with (lancet or needle or member)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/05/08 17:56
S117	502	skin with trigger\$3 with (lancet or needle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/05/08 17:56
S118	41	skin with contact with trigger\$3 with (lancet or needle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/05/08 17:56
S119	16	("4114619" "4139008" "4393870").PN. OR ("4600403").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/05/08 18:00
S120	89	("20020177761" "20030093093" "4151832" "4360016" "4368738" "4503856" "4517978" "4622974" "4627445" "4637403" "4648408" "4653511" "4653513" "4658821" "4685463" "4687000" "4787398" "4790979" "4805623" "4850973" "4858607" "4869249" "4873993" "4883068" "4920977" "4924879" "4953552" "4976724" "4994068" "4994073" "5002054" "5014718" "5029583" "5035704" "5054499" "5066859" "5070886" "5108889" "5163442" "5165418" "5193552" "5201324" "5217480" "5231993" "5269800" "5277198" "5279294" "5314442" "5318583" "5318584" "5320607" "5368047" "5395387" "5402798" "5437640" "5569212" "5582184" "5628309" "5628764" "5638828" "5671753" "5682233" "5700695" "5951492" "6015392" "6048352" "6068599" "6071249" "6071250" "6332871"	US-PGPUB; USPAT; USOCR	AND	ON	2008/05/08 18:12

		"6364890" "D254444"). PN. OR ("6793633").URPN.				
S121	19	("20020022789" "20020050655" "20020082522" "20020177787" "20030050627" "20040127818" "20040215224" "20040236251" "4203446" "4449529" "4517978" "4653513" "5318584" "5730753" "5857983" "5997561" "6022366" "6045567" "6071250").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/05/08 18:43
S122	17	("20020016606" "20020022789" "20020050655" "20020082522" "20020188223" "20030050627" "20040215224" "20050038465" "20050085839" "5730753" "6045567" "6056765" "6071250" "6197040" "6203504" "6306152" "6589260"). PN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/05/08 18:49
S123	2	("5891053" "6071251"). PN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/05/08 19:01
S124	7	taper\$3 near2 (skin near contact\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/05/08 19:11
S125	19	taper\$3 with skin with safe \$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/05/08 19:19
S126	133	600/573,583-584.ccls. and @pd> "20070718"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/05/08 22:00
S127	3499	600/573,575,576- 579,583,584.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/29 19:52

S128	297	S127 and (maintain\$3 with pressure)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/29 19:52
S129	432	S127 and (maintain\$3 with (pressure or vacuum or vaccum or vaccuum))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/29 19:53
S130	296	S127 and (maintain\$3 near2 (pressure or vacuum or vaccum or vaccuum))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/29 19:53
S131	26	600/584.ccls. and (maintain\$3 near2 (pressure or vacuum or vaccum or vaccuum))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/29 19:55
S132	63	("3419000" "4233029" "4545382" "4627445" "4711245" "4851210" "4929545" "4935346" "5037431" "5120420" "5161532" "5192415" "5243516" "5250439" "5264103" "5266179" "5320607" "5352351" "5354447" "5405511" "5413690" "5443080" "5509410" "5628890" "5682884").PN. OR ("6071251").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/01/29 20:05
S133	2	600/584.ccls. and cunningham.in.	US-PGPUB; USPAT; USOCR	AND	ON	2009/01/29 20:06
S134	100	(pressure adj relief adj valve) and (vacuum or vaccuum or suction) and "600".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/30 17:41
S135	0	(pressure adj relief adj valve) with (vacuum or vaccuum or suction) with (skin or tissue) with damag\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/30 17:45

S136	15	(pressure adj relief adj valve) with (skin or tissue) with damag\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/30 17:45
S137	0	(pressure adj relief adj valve) with (vacuum or vaccuum or suction) with (skin or tissue) with (bruise\$3 or injur\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/30 17:46
S138	4	(pressure adj relief adj valve) with (skin or tissue) with (bruise\$3 or injur\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/30 17:46
S139	217	(vacuum or vaccum or vaccuum or suction) with (injur\$3 or damag\$3 or bruise\$3) with (skin or tissue)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/30 17:47
S140	916	(vacuum or vaccum or vaccuum or suction) with (injur\$3 or damag\$3 or bruise\$3) with (skin or tissue)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/30 17:48
S141	45	S140 with (relieve\$4 or release\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/30 17:48
S142	54	(US-20040102718-\$ or US-20020169393-\$ or US-20040215224-\$ or US-20020188223-\$ or US-20060047220-\$ or US-20050277849-\$ or US-20020173732-\$ or US-20020169394-\$ or US-20040267160-\$ or US-20040204662-\$ or US-20030109808-\$ or US-20050215923-\$ or US-20050096686-\$ or US-20020019598-\$ or US-20020082522-\$ or US-20010031931-\$ or US-20060155317-\$ or US-20070016239-\$ or US-20050085839-\$ or US-20040059366-\$ or US-	US-PGPUB; USPAT; DERWENT	AND	ON	2009/11/20 21:29

		20060224171-\$).did. or (US-6730046-\$ or US-5320607-\$ or US-6837858-\$ or US-7160313-\$ or US-6183442-\$ or US-6793633-\$ or US-6206841-\$ or US-6093156-\$ or US-4750768-\$ or US-5188411-\$ or US-5201560-\$ or US-4079729-\$ or US-6155992-\$ or US-6409679-\$ or US-6349229-\$ or US-6332871-\$ or US-6306104-\$ or US-6071251-\$ or US-6503209-\$ or US-6527778-\$ or US-6071249-\$ or US-6045541-\$ or US-5891053-\$ or US-7207952-\$ or US-6027459-\$ or US-6315738-\$).did. or (US-6612111-\$ or US-6340354-\$ or US-5873887-\$).did. or (WO-200207599-\$ or US-5891053-\$ or US-6027459-\$ or WO-200172220-\$ or EP-1407712-\$ or EP-110560-\$).did.				
S143	48	S142 and (contact\$3 or switch)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/20 21:31
S144	300	600/573,575,576-579,583,584.ccls. and @pd> "20090129"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/06/29 14:58
S145	148	S144 and (vacuum or suction or negative adj pressure)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/06/29 14:58
S146	44	((DAISUKE) near2 (MATSUMOTO)).INV.	US-PGPUB; USPAT; USOCR	AND	ON	2010/06/29 15:05
S147	7	((HIDEFUMI) near2 (KOMURO)).INV.	US-PGPUB; USPAT; USOCR	AND	ON	2010/06/29 15:08
S148	18	((TETSUYA) near2 (SAKATA)).INV.	US-PGPUB; USPAT; USOCR	AND	ON	2010/06/29 15:09

6/ 30/ 2010 2:38:26 PM

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